

Converting Colors

XYZ(34.3686, 39.3909, 40.7116)

Have a look what the booklet for
XYZ(34.3686, 39.3909, 40.7116)
contains.

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Color

**XYZ(34.4146, 39.4365,
40.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	96AEA4
RGB	150, 174, 164
RGB Percent	59%, 68%, 64%
CMY	0.4118, 0.3176, 0.3569
CMYK	0.14, 0.00, 0.06, 0.32
HSL	155°, 13%, 64%
HSV	155°, 14%, 68%
XYZ	34.4146, 39.4365, 40.9201
YIQ	165.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

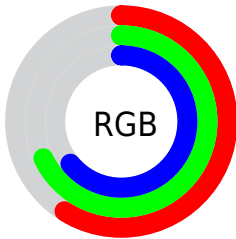
Format	Color
RYB	150, 165, 174
Decimal	9875108
CIELab	69.07, -10.29, 2.34
CIELCh	69, 10.554, 167.210
Yxy	39.4365, 0.2999, 0.3436
Android (android.graphics.Color)	4288065188 (0xFF96AEA4)
YUV	165.6840, -0.8302, -13.7549
Hunter-Lab	62.7985, -12.0764, 5.3250

Details

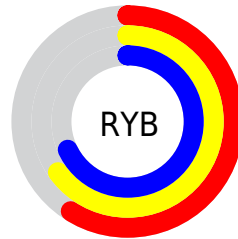
The XYZ color **34.4146, 39.4365, 40.9201** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7085, 33.3505, 37.8676**, and the grayscale version is **36.1016, 37.9817, 41.3621**.

A 20% lighter version of the original color is **65.9848, 74.5455, 77.9288**, and **15.0298, 17.7416, 17.9615** is the 20% darker color. If you saturate the color by 10%, you get **30.8113, 37.6535, 37.4304**, and if you desaturate by 10%, it is **38.5330, 41.4829, 44.6305**.

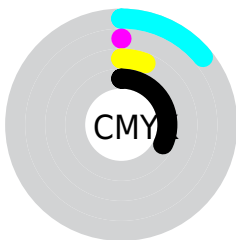
Distribution



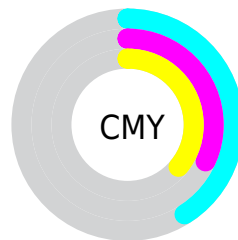
- Red (59%)
- Green (68%)
- Blue (64%)



- Red (59%)
- Yellow (65%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (41%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4146, 39.4365, 40.9201 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.4146, 39.4365, 40.9201 by changing the saturation by 10% instead.

■ 34.4146, 39.4365,
40.9201

■ 34.4146, 39.4365,
40.9201

313.5303,
343.7427, 365.6533

■ 23.3767, 27.0995,
27.9374

■ 65.9179, 74.3047,
77.8149

■ 14.9941, 17.6479,
18.0399

■ 87.1140, 97.6046,
102.5642

■ 8.9015, 10.6975,
10.8089

112.4269,
125.3276, 132.0727

■ 4.7336, 5.8638,
5.8259

142.2219,
157.8581, 166.7590

■ 2.1250, 2.7625,
2.6724

176.8644,
195.5805, 207.0417

■ 0.7027, 1.0090,
0.9295

216.7197,

■ 0.0000, 0.0000,

238.8791, 253.3393

0.0000

262.1532,
288.1384, 306.0703

■ 34.4146, 39.4365,
40.9201

■ 34.4146, 39.4365,
40.9201

■ 30.8113, 37.6535,
37.4304

■ 38.5330, 41.4829,
44.6305

■ 27.6982, 36.1180,
34.1545

■ 43.1833, 43.7980,
48.5631

■ 25.0534, 34.8196,
31.0890

■ 48.3857, 46.3932,
52.7227

■ 22.8518, 33.7457,
28.2293

■ 54.1584, 49.2779,
57.1131

■ 21.0662, 32.8821,
25.5706

■ 60.5185, 52.4609,
61.7381

■ 19.6657, 32.2133,
23.1079

■ 67.4827, 55.9507,
66.6013

■ 18.6154, 31.7210,
20.8359

■ 68.6118, 56.4276,
71.4043

■ 17.8732, 31.3838,
18.7487

■ 69.5632, 56.8082,
76.4144

■ 17.5099, 31.2228,
17.5420

■ 70.5565, 57.2055,
81.6448

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.1578, 39.4365, 36.9455



34.4146, 39.4365, 40.9201



34.4757, 39.4365, 45.7411

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.4146, 39.4365, 40.9201



38.4491, 39.4365, 52.4168



39.7252, 39.4365, 36.4900

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.4146, 39.4365, 40.9201



34.7085, 33.3505, 37.8676

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.6608, 39.4365, 40.2549



34.4146, 39.4365, 40.9201



39.9090, 39.4365, 49.5494

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.4146, 39.4365, 40.9201



36.7712, 39.4365, 52.6285



40.7290, 39.4365, 45.0246



38.2043, 39.4365, 34.5195

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.4146, 39.4365, 40.9201



34.9641, 39.4365, 48.7928



40.7290, 39.4365, 45.0246



40.1205, 39.4365, 37.5743

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.4157, 39.4382, 40.9210



69.6724, 75.1332, 80.7601



35.2198, 39.9908, 34.7175



15.3551, 16.6344, 17.8357



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.4157, 39.4382, 40.9210



60.0271, 70.3458, 71.9581



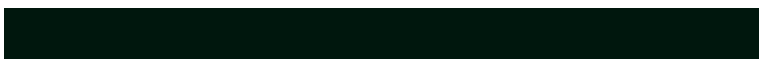
35.0478, 39.1993, 45.7654



8.0930, 9.0148, 9.5147



12.7295, 22.6571, 12.8811



0.3806, 0.6409, 0.4976

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.7085, 33.3505, 37.8676



60.6776, 56.8280, 65.1789



34.1253, 33.5286, 33.5279



8.1385, 8.0686, 9.0401



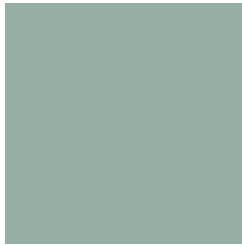
13.5494, 6.8823, 5.2728



0.4046, 0.2025, 0.2924

Previews

White Background



This preview shows how the XYZ color 34.4146, 39.4365, 40.9201 looks on a white background.

Color Contrast Check

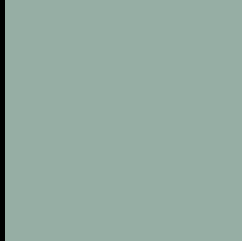
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.4146, 39.4365, 40.9201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

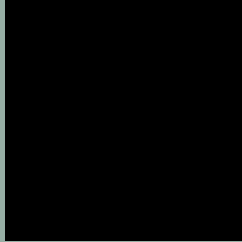
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

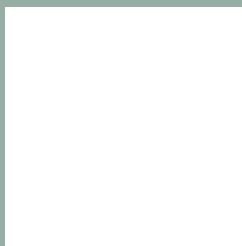
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4146, 39.4365, 40.9201

Background



This preview shows how black text looks on a background with the XYZ color 34.4146, 39.4365, 40.9201.



This preview shows how white text looks on a background with the XYZ color 34.4146, 39.4365,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.4146, 39.4365, 40.9201

Protanopia

37.5814, 39.4276, 38.8872

Deuteranopia

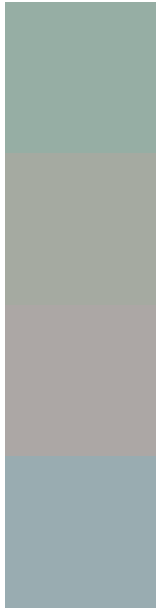
39.9877, 39.2618, 41.5471



Tritanopia

36.6463, 39.4986, 51.5915

Trichromacy



Original Color

34.4146, 39.4365, 40.9201

Protanomaly

36.3248, 39.3220, 39.3936

Deuteranomaly

37.6235, 39.1247, 41.1662

Tritanomaly

35.8252, 39.4517, 47.3217

Monochromacy



Original Color

34.4146, 39.4365, 40.9201

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4767, 38.5661, 41.1715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4146, 39.4365, 40.9201 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(150, 174, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.4146, 39.4365, 40.9201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 174, 164) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 174, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(150, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4146, 39.4365, 40.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 174, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
174, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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